

Title (en)
Carboxylic thio-pyrrolidinyl beta-lactam compounds and production thereof.

Title (de)
Carboxyl-Thio-Pyrrolidinyl beta-Lactam-Derivate und ihre Herstellung.

Title (fr)
Dérivés de carboxyle thio-pyrrolidinyle-bêta-lactame et leur préparation.

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Application
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• JP 2349784 A 19840210
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Abstract (en)
Penem compounds are of the formule: <CHEM> where R1 is H or hydroxyethyl, wherein the -OH may be protected R2 is H or a protective group, e.g. alkoxycarbonyl; R3 is H or a protective group, e.g. alkyl; X is methylene or alkyl-methylene or S; Y is amino (-NH2) which may be substituted by various groups which can form a ring. <??>Synthesis is from a B-lactam derivative wherein the 2-position has a reactive ester alcohol group or alkylsulfinyl group, reacted with a pyrrolidinyl derivative in a solvent in presence of a base. <??>The compounds are useful as antimicrobial agents.

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A61K 31/40; **A61K 31/43**; **C07D 205/08**; **C07D 207/16**; **C07D 207/24**; **C07D 401/12**; **C07D 487/04**; **C07D 499/00**; **C07F 7/18**; **C07F 9/65**

IPC 8 full level
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